

## GB2336407

### Publication Title:

Hydrodynamic bearing including means for monitoring the capacitance between the rotor and stator of hydrodynamic bearing

### Abstract:

#### Abstract of GB2336407

A hydrodynamic bearing which includes both a Shaft (50) and a rotor rotating relative to one another and defining a hydrodynamic bearing in the gap (58) between the relatively rotating surfaces (60, 72). Data supplied from the esp@cenet database - Worldwide

-----  
Courtesy of <http://v3.espacenet.com>

BEST AVAILABLE COPY

# (12) UK Patent Application (19) GB (11) 2 336 407 (13) A

(43) Date of Printing by UK Office 20.10.1999

(21) Application No 9917281.9

(22) Date of Filing 24.01.1997

(86) International Application Data  
PCT/US97/01051 En 24.01.1997

(87) International Publication Data  
WO98/32979 En 30.07.1998

(71) Applicant(s)  
Seagate Technology Inc  
(Incorporated in USA - Delaware)  
920 Disc Drive, Scotts Valley, California 95068,  
United States of America

(72) Inventor(s)  
John C Dunfield  
Gunter Karl Heine

(74) Agent and/or Address for Service  
Miller Sturt Kenyon  
9 John Street, LONDON, WC1N 2ES, United Kingdom

(51) INT CL<sup>6</sup>  
F16C 17/02

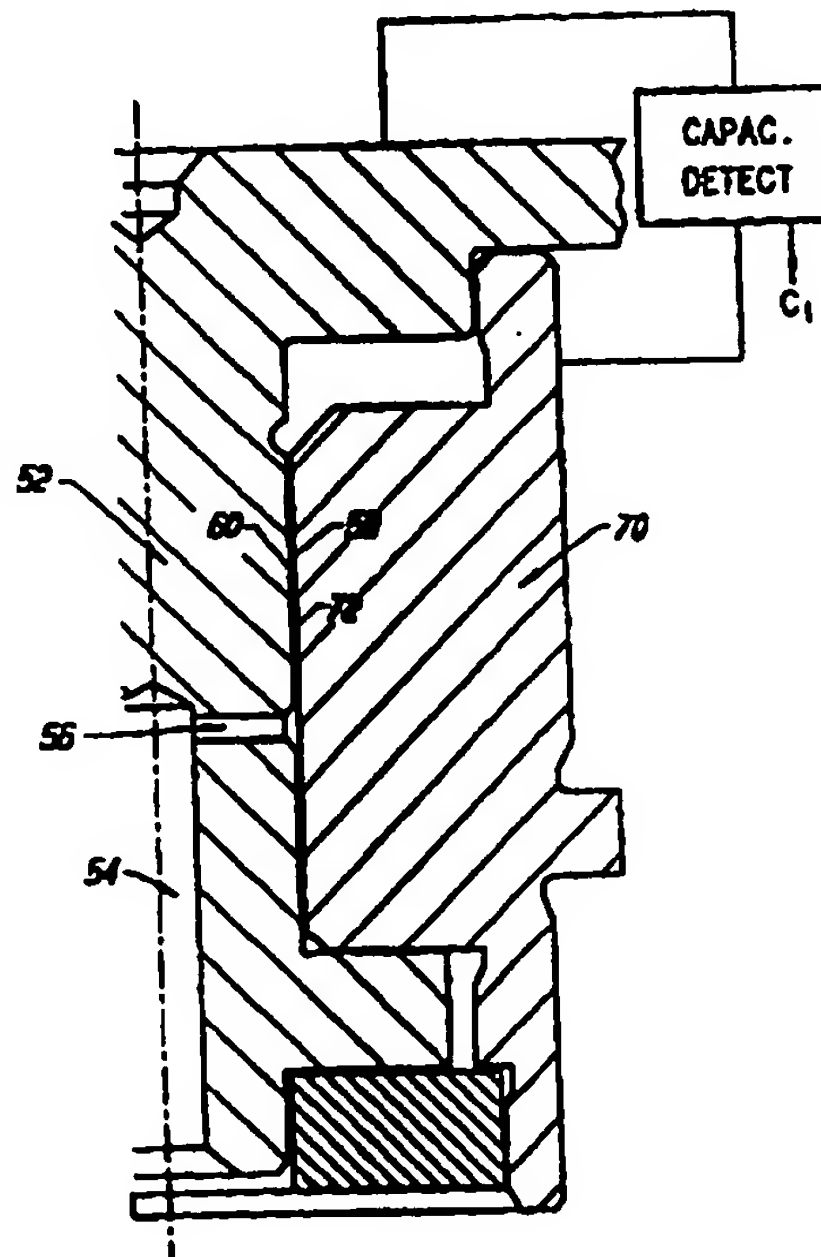
(52) UK CL (Edition Q )  
F2A AD34 A6E2

(56) Documents Cited by ISA  
US 5036235 A US 4170389 A

(58) Field of Search by ISA  
INT CL<sup>6</sup> F16C 17/02  
U.S. : 394/114,100,448,118,115

(54) Abstract Title  
**Hydrodynamic bearing including means for monitoring the capacitance between the rotor and stator of hydrodynamic bearing**

(57) A hydrodynamic bearing which includes both a shaft (50) and a rotor rotating relative to one another and defining a hydrodynamic bearing in the gap (58) between the relatively rotating surfaces (60, 72).



BEST AVAILABLE COPY

GB 2 336 407 A